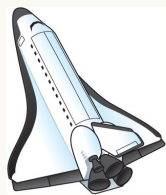


# ROCKET CITY ROCKS & GEMS



*The Monthly News Bulletin of the Huntsville Gem & Mineral Society, Huntsville, Alabama*

Volume 53 No. 2

*"We'll go to the Moon for a Rock"*

February 2021

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## At Last! February Meeting Feb 23, 6:00pm

South Room of the G&M Education Center  
7901 Bailey Cove Rd, in Southeast Huntsville

## Show & Tell

**Members with last initial A-H**  
Bring any three of your favorite collectibles, and tell us  
What they are, Where you got them,  
Why they are important to you

**Masks  
Required**



[www.huntsvillegms.org/](http://www.huntsvillegms.org/) - [www.facebook.com/HuntsvilleGMS](https://www.facebook.com/HuntsvilleGMS) -



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**Hello all!**

I do hope this finds you well. Being both well and content in these times can be somewhat of a challenge. But we rock hounds do have options! Come visit our new Education Center! We are meeting safe because we have room to spread out! You can come in, cut rough, trim to shape, grind and polish, wire wrap or set it in your choice of metal to your heart's content. Both Rocket City Jewelers and the Metals groups are meeting in their new rooms, as well as the lapidary room is open per the schedule below. Community is important and we would love for you to come by and

be part of our community. Sample the schedule of the different groups in your one-stop-shop for all things lapidary (this newsletter). As a matter of fact, our team leaders are so busy making things happen, you really need to read this newsletter from cover to cover to know everything that is going to happen over the next few weeks. But until I see you at the center, stay warm, safe and never overlook a chance to "inspect" that cool rock you might find along your journey thru life!

**Your Prez, Mike Harrison**

### **The Rock Locker in the Lapidary Lab is Ready - 21 Cubbies, 17 still available.**

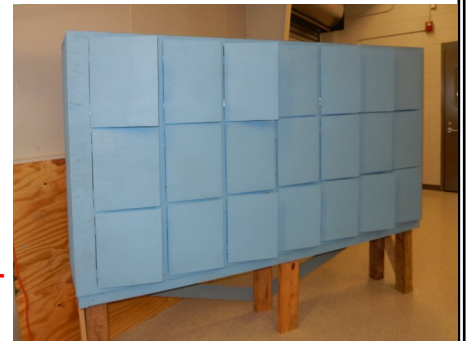
Get your reservation requests to Bill Friday.

First Come, First Served. \$10/year and you provide the lock.

Top Row are numbered 1 to 7 left to right

Columns are numbered A to C top to bottom.

**There are now two days a week that the lapidary lab is open - Tuesdays & Fridays 9:00—3:00, and possibly Mondays will be added soon. See the schedule on Page 8**



### **Dues are now Due**

#### **New Members and current Members - Still \$15 single/\$20 Family**

What do your dues give back to you? Dues cover about half of the HGMS Annual General Budget, along with the Auction, which we didn't get to have last year but will this year. The income is used to help provide support for our many activities - access to our new Education Center, lapidary, jewelry, metal smithing, Pebble Pups, GeoSciences, Field Trips, AFMS/SFMS/DMC Federation memberships & insurance, newsletter, monthly programs, Web Page, annual auction, Fall Gem, Jewelry, & Mineral Show, Picnic, Christmas Dinner and Outreach.

**Quite a bargain, don't you think?!!!**

## Azurite

By Dave Jacobson, Canaveral Moonstone, Jan 2020, Vol R, #1, Canaveral Mineral & Gem Society

This month we will take a look at azurite,  $\text{Cu}_3(\text{CO}_3)_2(\text{OH})_2$ , copper carbonate hydroxide. Most mineral collectors have a specimen or two of azurite in their collections, since it is a very popular mineral due to its color. Its color is due to the copper, the coloring agent, combines with the carbonate groups ( $\text{CO}_3$ ) and hydroxyls ( $\text{OH}$ ). It is a secondary copper mineral found in sulfide deposits associated with carbonate rocks. Malachite,  $\text{Cu}_2(\text{CO}_3)(\text{OH})_2$ , hydrous copper carbonate is often found with azurite. At times the malachite replaces the azurite forming a pseudomorph, meaning you have a malachite crystal in the original shape of the azurite crystal. Azurite is found in many localities in the world. Some of the more famous localities are: Chessy, near Lyons, France; Tsumeb, Namibia; Larium, Greece; Morocco and Broken Hill, New South Wales, Australia. In the USA, several localities in Arizona such as Bisbee and Morenci. Some minerals found with azurite are: limonite, chalcopryrite, native copper, calcite, cuprite, chrysocolla, malachite and other oxidized copper minerals. Azurite is a minor ore of copper. It is sometimes used to make jewelry. It is cut into cabochons, but when faceted it is too soft for every day wear.



Azurite is in the monoclinic crystal system. It is commonly crystallized in the following habits. Irregular blades with wedge shaped terminations. Rosette like aggregates. Slender needles and hairs. It also forms in botryoidal growths, which are sometimes interlayered with malachite. Its color is azure, from which the mineral takes its name. It can also be deep blue or pale blue. Streak is blue. Specific gravity is 3.7 to 3.9. Hardness is 3.5 to 4. It is brittle. Fracture is conchoidal. It will dissolve in hydrochloric acid with effervescence.

I used the following reference materials in preparing this article. *Field Guide to Rocks And Minerals* by Frederick H. Pough. *Mineralogy For Amateurs* by John Sinkankus. Simon & Schusters Guide to Rocks And Minerals. *Minerals of the World* by Walter Schumann, Amethyst Galleries Mineral Gallery on the internet at [http:// mineral.galleries.com](http://mineral.galleries.com).



## Wildacres and William Holland Art & Craft Schools for 2021

**The HGMS will not be holding a Scholarship Drawing this year, allowing the winners from last year to apply their choice to 2021.**

### WILDACRES 2021 - <https://efmls.org/wildacres/>

If all goes well, the dates for the EFMLS Wildacres Spring Session are May 17-23. The unknown, of course, is the situation regarding the Coronavirus. **Because of this, we are asking everyone not to send in checks at this time.**

Tentative classes include wire wrapping, chain mail, cabochon making, micromount preparation, faceting, beading, and PMC. These may be subject to change as conditions change. The cost for the entire week will be \$435 which includes room and board, classes, lectures, and other activities.

We hope to know by March if Wildacres will be able to open and if the conditions in the eastern states permit traveling. Stay tuned.

The cost of each session for 2021 is \$435 per person. Applications, with a deposit of \$220.00 per person, but no one should send any money at this time. We are waiting for updates on the covid-19 pandemic.

**Suzie Milligan, Wildacres Registrar** - [smilligan@stny.rr.com](mailto:smilligan@stny.rr.com)

931 Carmichael Rd; Owego, NY 13827 / 607-687-5108

**Steve Weinberger, Wildacres Director**



### William Holland 2021 - <https://lapidaryschool.org/main.aspx>

In view of the continuing crisis with the COVID19, the Board and I have decided to delay the School opening from April, and as such June 13th will be a much better anticipated opening date.

NANCY BRICKNER has canceled her 2021 Chain classes, she is putting her focus on healing as she fights her battle with cancer

MORNING SHERROD has added several weeks of Silver and Chasing & Repousse classes. Please email or call for details, we will be updating the online catalog soon to reflect her new classes.

ROWAN MORGAN has added a Wire 2 class the week of June 13th, 2021.

For further details about arrangements for prior reservations from April & May this year, and for reservations from last year which were cancelled, consult the website





## Metal Smithing/Silver Group by Kathy Bowman & Shelley Curran

### Hollow Form Bronze Pendant with Fused Bronze Top

**Kit cost : TBD**

**Session 1: Thursday, March 4, 2021, 5:30 PM TO 9 PM**

**Session 2: Monday, March 8, 2021 - 5:30 PM TO 9 PM**



*Note: This is an Intermediate to Advanced project. You must be able to successfully solder a bezel on to a back plate with no assistance from the instructors and saw shapes accurately.*

We will be fusing bronze wire to bronze sheet and passing it through the rolling mill (or hammering) to make the top of the Hollow form. Metal textured in the rolling mill can be used instead of the fused bronze if desired. The pendant can be constructed with or without a stone. Stones will NOT be provided in the kit so bring a stone to use. Stones will also be available to purchase. Stones around 1" x 3/4" to 1.1/4" x 1" work well but slightly larger stones will be suitable. The kit will include bronze chain with end caps, 18 ga wire, metal sheet and bezel wire to set the stone.

Hollow forms are quite versatile. They can be constructed in any shape, in any metal or combination of metals, and can have any sort of "decoration" on top and even have openings to display a stone or metal shape inside.



**IMPORTANT! CURRENTLY CLASS SIZES ARE LIMITED TO 6 STUDENTS PER SESSION. YOU MUST PRE-REGISTER FOR CLASSES BECAUSE OF THE LIMIT ON THE NUMBER OF STUDENTS. YOU WILL NOT BE ASSURED A SEAT IN THE CLASS IF YOU SHOW UP AT THE DOOR!**

To register for this class send email to [HGMS@wildivystudio.com](mailto:HGMS@wildivystudio.com). Let us know what day you *prefer* to attend. If you can come either day, indicate that as well so we know you will be able to change days if we need to balance the number in the class. If the date should change those who sign up for the class will be notified.

**Certification Classes:** We hope to resume certifications on a one to three person basis in April. If you are interested in scheduling Metalsmithing Certification please send your name and contact information (name, email address, and phone number) to [HGMS@wildivystudio.com](mailto:HGMS@wildivystudio.com). We will contact you and set up a day for you to come. Those who sign up will be notified when the next class will be scheduled. We are looking at having the Certification Class on a night other than Monday or Thursday since seats on both work session nights are full.

### **Volunteer Positions \***

Class Instructors:

Kathy Bowman  
Shelley Curran  
Annie Diekmann  
***Opening***  
Shelley Curran

Tools/Equipment Inventory  
Store Manager  
Kit Manager

Webpage & Social Media Management

Kathy Bowman

\*Note: We are all volunteers so the schedule is subject to change.



## Rocket City Jewelers (RCJ) News

*By Leslie Malakowsky*

We started meeting on February 3<sup>rd</sup> after taking January off due to concerns about the spread of COVID-19. Our first class of 2021 was a Copper Focal and Leather Bracelet. Thanks to Judy and Theresa for sanitizing our room ahead of time! On February 10<sup>th</sup>, we made a chainmaille Heart Pendant. Thanks to Judy for getting the kits together in time for us to finish this challenging project before Valentine's Day!

Last year, we postponed the **Nefertiti Bracelet** so we would have more time to work on CM Santas. Please note that this bracelet is now scheduled for March 3<sup>rd</sup>. The **deadline to RSVP is February 17<sup>th</sup>**. Also please be aware that **Dragonscale is coming up on March 17<sup>th</sup>**! We're going to make Karen Karon's keychain instead of a sample so we'll go home with a finished project. **Important:** Tell Judy ASAP if you do or don't want a kit. And remember to bring your copy of Karen Karon's book, Chain Maille Jewelry Workshop, to class next week. **Heads up:** If you're going to make a Dragonscale bracelet, you're responsible for providing your own rings, or you can purchase copper and/or bronze rings from RCJ.

Everyone stay safe and healthy! Please keep our members who are fighting COVID-19 in your thoughts and prayers. We wish you a speedy recovery!

### Upcoming Schedule

**Feb. 17:** Dbl-Drilled Bead & Byz Earrings. Kit is \$2. Enchantress Earrings. Kit is \$4.

**Feb. 24:** Finish It and CMS 5 Make Up: Helm's Chain.

**Mar. 3:** Nefertiti Bracelet. Kit is \$5.

**Mar. 10:** Finish It, Make Up

**Mar. 17:** Dragonscale CM Keychain. Kit cost is TBA.

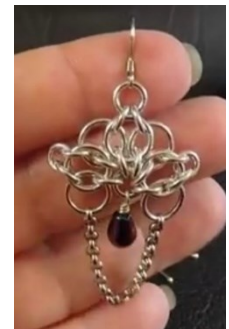
Remember that we meet from 6p – 9p on 1<sup>st</sup> and 3<sup>rd</sup> Wednesdays and from 2p – 5p on 2<sup>nd</sup> and 4<sup>th</sup> Wednesdays with 5<sup>th</sup> Wednesdays TBA. Please note that when you'd like to take a class, **you must contact us two weeks prior to the class** (unless otherwise indicated in the schedule) so we can make a kit for you.

**Important:** The **HGMS Education Center is located at 7901 Bailey Cove Road SE, Huntsville**. Enter the South parking lot off Bailey Cove Road SE, drive through the lot to the Education Center (long narrow building) at the back, turn left, and park directly opposite the building. Please enter the double glass doors on the West side of the building. Please be aware that the doors will be unlocked for the first hour. After that, the doors will be locked, and you will need to call Judy (205-541-7207) to let you in.

### Volunteers:

Group Leader	Leslie Malakowsky
Instructors	Judy Osmundson, Leslie Malakowsky, Theresa Chivers
Treasurer	Clara Goode, Judy Osmundson
Facebook	open
Security	Judy Osmundson and Theresa Chivers (backup)

RCJ is open to **every member** of the HGMS. If you love making jewelry, please join us! All skill levels are welcome! **Remember our core values:** to share what we know, learn new skills, and have fun! Please let us know what you are able to teach and what you would like to learn. **Please post your ideas on our Pinterest page!**



## GeoSciences - March 11, 6:30

### Trilobites - Really Really Early Shrimp



Trilobites were one of the first mobile creatures to evolve during the “Cambrian Explosion”, approximately 530 million years ago. They spread quickly around the globe, developing a wide range of body configurations. They firmly established themselves in a world which previously had large numbers of helpless lifeforms on which to feed and few predator competitors to feed upon them. So successful was their body shape and lifestyle that they remained a dominant presence in the oceans for over 300million years. They survived three major extinctions which destroyed large percentages of other species, before disappearing in the most devastating one at the start of the Permian Age. Their sturdy calcium carbonate exoskeletons left behind an abundant fossil record of over 20,000 species which have been thoroughly studied and documented.

But some of their relatives survived even that catastrophe, leading to modern arthropods and crustaceans - including horseshoe crabs, crabs, squid, shrimps, insects, pillbugs, and spiders. Join us to learn lots more about these fascinating creatures.



**Trilobite of the Month**  
*Koneprusia sp*

## Pebble Pups

**Pebble Pups program are re-starting on February 25th, 6:00pm.** We will meet in our own Pups Room of the new Gem & Mineral Education Center at the old Grissom High facility.



We will be making plaster casts of various fossil types - trilobites, an ancient crab, corals, and other creatures. If you have a fossil that you would like to cast, we can probably do that so that others can share the pleasure of owning at least a good copy. Wear old clothes, as this may be a little bit messy.

Bring your friends. For more information, contact Bill Friday [bill.friday@earthlink.net](mailto:bill.friday@earthlink.net) 256-527-8227

## Get your access code for the new facility

The security keypad and magnetic latch are installed. Members will need a personal five-digit code for access. For those who have already given a 4-digit, a zero will be added to the end, or you may add your own fifth digit. Please do not select a code that starts with 7, 8, or 9 (I don't know why but the controller is allergic to those, for now anyway). You will need to press # afterward. To exit, an overhead motion sensor will unlatch the magnet - after a short delay. Please provide your chosen number to Bill Friday who will maintain the repository. Don't use simple progressions like 1-2-3-4. Birthdates are ok as long as they are unique. Duplicate requests will be arbitrated, but with 70,000 to choose from there are plenty to go around. All numbers are entered into the computer which controls the door latch.

If the building is open for activities in the South Room, the HGMS end may still have the alarm active, so be sure there are lights on in the north hall before entering.

They will be maintained for as long as members are active, but will be cancelled after a year's absence from HGMS activities. They may also be cancelled if members abuse their privileges. Enjoy all the HGMS activity options.



## Mineral of the Month – Valentinite

By Leslie A. Malakowsky

While you're more likely to find a sample of this mineral in a mining museum than in a rockhound's collection, I couldn't pass it up. Valentine's Day, also called Saint Valentine's Day or the Feast of Saint Valentine, originated as a Western Christian feast day (an annual religious celebration dedicated to a particular saint) honoring early Christian martyr named Saint Valentine. But who would have thought there's a mineral with this name?

Valentinite is antimony oxide with formula  $\text{Sb}_2\text{O}_3$ . Antimony is a chemical element with the symbol Sb on the periodic table. It's a lustrous gray *metalloid*, a chemical element with a mixture of properties between metals and non-metals. Antimony is found in nature mainly in the mineral stibnite. It was used in ancient times in powdered form in medicine and cosmetics, often referred to as the Arabic name *kohl*.

Valentinite can range from colorless to white with occasional shades of yellow and red. It typically forms as radiating clusters of crystals or as fibrous masses. It's a softer mineral like gypsum or calcite with a hardness of 2.5 to 3 on Mohs scale.

This mineral occurs as a weathering product of stibnite and other antimony minerals in hydrothermal veins (resulting from circulation of mineral rich water near a source of heat in the Earth's crust). It's dimorphous (the property of some minerals to exist in two crystal forms) with another antimony oxide called senarmontite.

Valentinite was first discovered in 1845 in the Les Chalanches Mine in the French Alps. This mine used to produce the very best valentinite crystals in the world. The largest crystals found measured up to 3cm (1 3/16") long. They occurred in hydrothermal veins in druse clusters with galena (lead sulfide). Many excellent specimens of valentinite are now found in Algeria.

Valentinite was named in the mid 19th century in honour of author Basilius Valentinus. He wrote the first book to include a detailed description of antimony and antimony compounds. He also wrote about how to prepare *synthetic* antimony, called "the antimony flower".

Both valentinite and senarmontite are the most important commercial sources of antimony. Global production of antimony was 130,000 tons in 2012. China produces the largest quantity of antimony followed by the United States, Mexico, European countries, Japan, South Africa, and other countries. The main use of antimony in the United States is in combination with halide minerals (minerals containing fluoride, chloride, bromide, and iodide) as a flame retardant in electrical apparatuses, textiles, and leather.

References: [wikipedia.org](http://wikipedia.org), [mindat.org](http://mindat.org)

## SFMS Rockhound Round-Up - March 12-14, 2021 Suwannee River Music Park, 3076 95th Dr, Live Oak, FL 32060

We've had a number of inquiries about next year's Rockhound Roundup. Although the possibility still exists that the Covid Pandemic may still affect this event, we wanted to get it lined up, with the hope that a vaccine will have been disseminated by then, making such events more likely. The fact that it is outdoors, makes it less hazardous as a whole in any case.

Therefore, we have tentatively booked the weekend of March 12-14, 2021 for next year, still at the Suwannee Music Park in Live, Oak, FL.

As soon as the event is officially approved, we'll get vendor applications out to the clubs, posted on the web, and into this newsletter. Fingers crossed, everyone!

Please don't hesitate to contact Jerri Heer by phone, text or email. You may have to leave a message, and she WILL respond. Jerri Heer, SFMS Secretary, [Jheerx6@aol.com](mailto:Jheerx6@aol.com) (419) 344-9999

<https://www.rockandmineralshows.com/Search/ListingDetails/sfms-rockhound-round-up/1471/false/false>





## February Birthdays

1 Ryan Flippo	11 Karin Bath
1 Darrell Murphy	12 McKinley Harris
2 Michael Cape	12 Kay Jones
2 Maureen Lokken	13 Bryan Sofka
5 Alli Curran	14 Matthew Elmore
6 Mike Goode	17 Don Cooper
7 Lester Bartel	18 Wayne Falkenberg
7 Karen Cale	21 Zachery Moore
10 Steve Heinrich	22 Joey Bonds
10 Tony Smith	25 John Cook

## Anniversaries

2 Dorothea Chism  
 12 Don & Marie Aldridge  
 12 Kay & Mark Jones

## March Birthdays

1 Richard Hoover	18 Michael O'Dell
5 Allison Kowalczyk	19 Adam Brown
9 Hannah Mayes	19 Ben Carroll
9 Julie McCullough	20 Emily Ann DuPre'
11 Jacob Packard	21 Isla Brown
13 Karen van Bebber	21 Teresa Roberts
15 Kay Jones	22 Susan Hessler
18 Dianna Brown	22 Nicklas Winn
18 Ola Ann Lee	22 Gene Powers
	29 Linda McKinney

## Anniversaries

14 Ben & Monika Carroll  
 22 Wayne & Rhonda Hall

**The Huntsville Gem & Mineral Education , 7901 Bailey Cove Rd. is now open on a regular schedule**

**Metal Smithing Instructors: Shelley Curran & Kathy Bowman**

**Lapidary: Bill Friday, Michael Cape, James Yack, Bruce Kowalczyk, Justin Smith**

**Rocket City Jewelers: Judy Osmundson, Theresa Chivers, Leslie Malakowsky**

Monday	Metal Smithing	5:30pm-9:00pm
Tuesday	Lapidary	9:00am - 3:00pm
	Lapidary	6:00pm - 9:00pm
	HGMS Meetings	6:00pm 2nd Tuesdays
Wednesday	Lapidary	6:00pm - 9:00pm
	Rocket City Jewelers 1st & 3rd Weeks	- 6:00pm - 9:00pm
	Rocket City Jewelers 2nd & 4th Weeks	- 2:00pm - 5:00pm
Thursday	Lapidary	6:00pm - 9:00pm
	Metal Smithing	5:30pm - 9:00pm
	GeoSciences	6:30pm 2nd Thursdays
	Pebble Pups	6:00 4th Thursdays
Friday	Lapidary	9:00am - 3:00 pm



## 2021 HUNTSVILLE GEM &amp; MINERAL SOCIETY OFFICERS

President- Mike Harrison - [william.m.harrison@boeing.com](mailto:william.m.harrison@boeing.com)

Vice President- Isabel Leon y Leon- [isabel.leonyleon@gmail.com](mailto:isabel.leonyleon@gmail.com)

Recording Secretary: Amber Robinson—[electricmagnolia@gmail.com](mailto:electricmagnolia@gmail.com)

Treasurer: Clara Goode, 256-883-9194 - [claragoode1@comcast.net](mailto:claragoode1@comcast.net)

Newsletter Editor: Bill Friday - 256-527-8227 - [bill.friday@earthlink.net](mailto:bill.friday@earthlink.net)

Directors at Large:

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Michael Soroczak— [soroczak@yahoo.com](mailto:soroczak@yahoo.com)

Les Bartel - [lester.bartel@gmail.com](mailto:lester.bartel@gmail.com)

Shelley Curran - [curranshelley1@gmail.com](mailto:curranshelley1@gmail.com)

## 2020 COMMITTEE CHAIRS

Membership: Bill Friday— 256-527-8227

[bill.friday@earthlink.net](mailto:bill.friday@earthlink.net)

2508 Excalibur Dr. Huntsville AL 35803

Publicity: Bob Kemper

[bob\\_kemper@yahoo.com](mailto:bob_kemper@yahoo.com)

Webpage: Leslie Malakowsky,

[lmalakowsky@gmail.com](mailto:lmalakowsky@gmail.com)

Auction Chair: Shelley Curran

[curranshelley1@gmail.com](mailto:curranshelley1@gmail.com)

Field Trips: Open

Rocket City Jewelers: Leslie Malakowsky

256) 755-0479 [lmalakowsky@gmail.com](mailto:lmalakowsky@gmail.com)

Hospitality: Vacant

Mineral ID: Michael Soroczak

[soroczak@yahoo.com](mailto:soroczak@yahoo.com)

(William Holland offers a class for this)

Property: Michael Cape

[macape@knology.net](mailto:macape@knology.net)

Program Chair—Mike Harrison

[william.m.harrison@boeing.com](mailto:william.m.harrison@boeing.com)

Show Chair: Tony Smith, 256-603-3095.

[tsmith@erc-incorporated.com](mailto:tsmith@erc-incorporated.com)

Show Vendor Chair: Lowell Zoller, 256-534-8803

[Lzol@comcast.net](mailto:Lzol@comcast.net)

Show Volunteer Chair: Theresa Chivers, 256-837-6819

[wolfsong929@gmail.com](mailto:wolfsong929@gmail.com),

Show Publicity Chair - Tony Smith

[tsmith@erc-incorporated.com](mailto:tsmith@erc-incorporated.com)

Show Treasurer: Clara Goode, 256-883-9194

[clarag1964@gmail.com](mailto:clarag1964@gmail.com)

**PURPOSE OF THE SOCIETY:** The Huntsville Gem & Mineral Society is a non-profit educational organization for people interested in mineralogy, geology, paleontology, and related lapidary arts. Its primary purpose is the education and enjoyment of the members and the general public in these areas. This purpose is accomplished through programs and activities, shows, lectures to school children and organizations, and exchange of rocks, minerals, artifacts, and newsletters.

**DUES:** Annual dues are \$15.00 per person, \$20.00 per family, and are due on January 1st of each year

Membership Applications may be found at our webpage [www.Huntsvillegms.org](http://www.Huntsvillegms.org) or at the HGMS Education Center during a meeting or at one of our activity periods: 7901 Bailey Cove Rd SE, Huntsville, AL 35802

Meetings: 4th Tuesday of the month except for March Auction, June picnic, Christmas Dinner and major holidays.

**The Society is affiliated with the American Federation of Mineralogical Societies ,**

**the Southeast Federation of Mineralogical Societies, and the Dixie Mineral Council**

**Federation Newsletters: DMC:** [http://www.amfed.org/sfms/\\_dmc/dmc.htm](http://www.amfed.org/sfms/_dmc/dmc.htm)

**SFMS:** [www.amfed.org/sfms/lodestar\\_newsletter.html](http://www.amfed.org/sfms/lodestar_newsletter.html)

**AFMS:** [www.amfed.org/news/default.htm](http://www.amfed.org/news/default.htm)





## 2021 CALENDAR



- 27 Mar '21 - Annual HGMS Fundraising Auction  
Jaycees Bldg, 2180 Airport Rd, Huntsville AL
- 27 Apr '21 - Regular HGMS Meeting, Huntsville Gem & Mineral Education Center  
7901 Bailey Cove Rd SE, Huntsville, AL 6:00pm
- 25 May'21 - Regular HGMS Meeting, Huntsville Gem & Mineral Education Center  
7901 Bailey Cove Rd SE, Huntsville, AL 6:00pm
- 26 Jun '21 - Tentative date for Annual Picnic - details to be worked out
- 27 Jul '21 - Regular HGMS Meeting, Huntsville Gem & Mineral Education Center  
7901 Bailey Cove Rd SE, Huntsville, AL 6:00pm
- 24 Aug'21 - Regular HGMS Meeting, Huntsville Gem & Mineral Education Center  
7901 Bailey Cove Rd SE, Huntsville, AL 6:00pm
- 29 Sep'21 - Regular HGMS Meeting, Huntsville Gem & Mineral Education Center  
7901 Bailey Cove Rd SE, Huntsville, AL 6:00pm
- 8-10 Oct'21 - Fall Gem Jewelry & Mineral Show  
Jaycees Building, 2180 Airport Rd, Huntsville AL
- 29 Sep'21 - Regular HGMS Meeting, Huntsville Gem & Mineral Education Center  
7901 Bailey Cove Rd SE, Huntsville, AL 6:00pm
- 8-10 Oct '21 - Fall Gem Jewelry & Mineral Show, Jaycees Bldg, 2180 Airport Rd, Huntsville AL
- 26 Oct '21 - Regular HGMS Meeting, Huntsville Gem & Mineral Education Center  
7901 Bailey Cove Rd SE, Huntsville, AL 6:00pm



Deadline for Next Newsletter  
March 14, 2021

**Dated material  
Do not delay**

February 2021

Rocket City Rocks & Gems  
Bill Friday, Editor  
2508 Excalibur Dr.  
Huntsville, AL 35803